

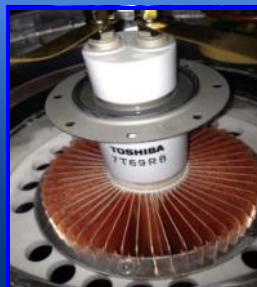
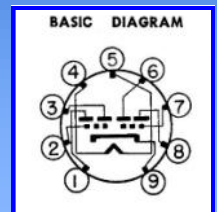
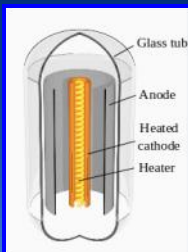


The GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
May 2015 <http://www.gars.org/> Volume 24, Issue 5



TUBES - are they all History?



How many can you identify?

Message from the President

Just participated in my first “Fox Hunt” yesterday and man what fun. Kyle, W4KDA, our past president did the “hiding” and my congrats for his ability to hide the fox in “plain site” while a team of several of us walking a field trying to locate it were completely thrown off. First, we could not hear the fox from our starting location. We were warned of this before the event started so in somewhat of an uncoordinated fashion we all headed out to where we thought we might get a directional finding (DF). Of course the higher the better so we headed out to the Lawrenceville repeater site. The fox only IDed every 2 minutes which seemed like an eternity. Of course on the first attempt to use my Arrow Yagi with my HT the coax pulled out of my SMT adaptor. Oh no! No backup plan. I learned a big lesson then. Jamming the coax back into the adaptor and after a 360 degree scan with the yagi for a good 10 minutes nothing was heard. Finally an announcement on the repeater that the fox was heard somewhere north of Sugarloaf road so we decided to head to Sugarloaf and Brown, one of the highest spots in the county. Several minutes of scanning with the yagi yielded nothing so we drove around a bit to a higher location and finally started hearing the fox on the mobile rig. I then realized that the coax was not making connection in the adaptor so I reverted to the body blocking method of DFing. By that time more reports came in that the fox was somewhere around the Mall of Georgia.

The Mall of Georgia (MOG) is a crowded place with lots of buildings to cause interference and reflections. Many of us were driving around in different areas trying to get a DF fix. It took a while but we finally all converged into an undeveloped back road near the mall where we located Kyle’s tent. At that point we knew we were in the right location but the fox was still



“The Mall of Georgia (MOG) is a crowded place with lots of buildings to cause interference and reflections. Many of us were driving around in different areas trying to get a DF fix.”

loose and out there somewhere nearby. I cut a small piece of wire from the broken SMT adaptor cable and stuck it into my HT. It worked well and I was able to find a null immediately using the body blocking method. But this is where the fun begins. Even though I had a perfect null, for some reason I strolled out into the field 90 degrees from where the null occurred. All eyes were scanning the ground... not just me! We DFed around the field for 15 minutes until someone finally decided to look up and see a Yagi antenna in a small tree. Who knew? If I had just raised my search above the

ground I would have seen the antenna immediately! Kyle had made every attempt to direct the signal to where we were coming from to help us locate the fox. Moral of the story... don’t just look where you THINK it will be.

Sorry I have “yammered on” so long about my fox hunt experience. It was my first and as mentioned many lessons were learned. We have plans to have a joint hunt with NFARL later in the fall. That should be great fun and I’m looking forward to it.

73s,

Rick, N4XYY

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]



GARS May Meeting

“Logging, Search & Pounce Preparing for Field Day”

By David Adcock, KA4KKF

Tuesday May 12, 2015

6:30 pm

**Sports Aviation Complex - Hangar 1
690 Airport Road
Lawrenceville, GA 30045**

[Directions](#)

Check out the following:

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SOTA (Beginner) Pg 9
Beginners Corner Pg 11
Historical Info Pg 12
Contest/Hamfest Info Pg 15
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GARS Communications

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

D-Star

WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

Main Repeater Site
Oak Street,
Lawrenceville

2 Meter Repeater

147.255(+) MHz
107.2 PL Tone

6 Meter Repeater

53.110 (-1 MHz)
No PL tone

70 Cm Repeaters

444.525(+) MHz
82.5 PL Tone
442.100(+) MHz
100 PL Tone

Backup Repeater Site
Lanier Mountain,
Snellville

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN
770-689-6620 or editor@gars.org



What's Happening?

2015 May Madness !!!

05/08/2015 6:00 pm till 05/17/2015 11:59 pm.

For all the rules and other info, please visit <http://GARS.org> !!!

Satellites In The Park !!!

05/09/2015 12:00 am till 16:00 pm at Bogan Park in Buford.

Come on out and bring your satellite gear.

GARS monthly meeting and program !!!

05/12/2015 - 7:00 pm - Briscoe Field, Lawrenceville airport.

Preparation for Field-Day by David Adcock, KA4KKF.

If you like to help or participate in our yearly Field-Day, please come on out and learn how we like to setup and run this cool event on 06/27 + 06/28/2015.

For more info, please visit gars.org !!!

Dayton Ham Fest !!!

05/15, 05/16/ and 05/17/2015.

For more info, please visit <http://hamvention.org> !!!

Indy 500 special event

05/18/2015 - 05/24/2015 - W9IMS

3.840.00, 7.240.00, 14.245.00, 21.350.00

Memorial Day Parade !!!

05/25/2015 - 7:00 am till 13:00 at Hebron Baptist Church in Dacula.

For more info, please contact Earl, AF4FG !!!

Atlanta Hamfest !!!

06/06/2015 - 08:00 am till 03:00 pm

Jim Miller Park, Marietta, GA

Admission is \$6.00 - grand price is ???

Sponsors: Atlanta Radio Club, W4DOC & Kennehoochhe Amateur Radio Club, W4BTI

GARS June monthly meeting and program !!!

06/09/2015 - 7:00 pm - Harbins Park in Dacula

The address is: 2995 Luke Edwards Rd. Dacula, GA 30019.

"Ice-cream social at the park and preparation for Field-Day"

Come on out to the park, socialize with others, learn more details about "Field Day" and enjoy some yummy ice-cream.

For more info, please visit gars.org !!!

Field Day

06/27/2015 + 06/28/2015 (this is an overnight activity)

The address is: 2995 Luke Edwards Rd. Dacula, GA 30019.

We start setting up for "Field Day" early around 8:00am on Saturday and start the actual event around lunch-time.

Even if you do not have time to help with the setup, please come on out and enjoy GARS biggest event of the year.

There is a lot of socializing going on, you can learn quite a bit about antennas/feed-lines, SSB, digital, CW and many other general ham radio stuff. We also have a lot of knowledgeable hams on site to answer all your ham radio related questions.

But the coolest part is to come out, operate a station, eat good and have a great time for full two days.

(Continued on page 5)

What's Happening?

(Continued from page 4)

Don't forget:

weekly GARS "Want, Swap And Information Net", Mondays, 7:30pm
weekly GARS "Now It All Net", Wednesdays, 8:30pm
weekly GARS breakfast at Golden Corral, Saturdays, 7:30am

As a reminder:

The current General Class License Exam Question Pool **will expire** this June 30th. The new General Question Pool will be used for all General Class License Exams beginning July 1st. If you have been studying the 2011 - 2015 General Class Question Pool, you will want to take your General Class License Exam between now and June 30th.

73,

Dave Bruse, W4DTR

Mystery Picture...

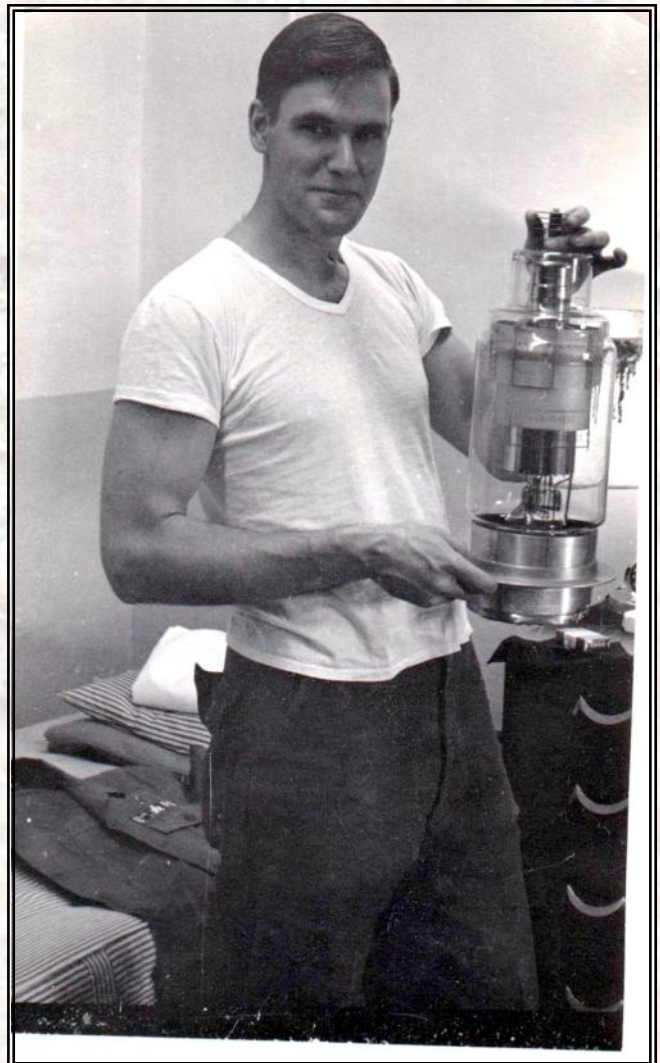


Sent to Kyle...

"Kyle, I was doing work on a external back up drive where I store pics and in the process of moving a few I came across this pic. And who do you suppose this might be 50 years ago.. LOL This is what I call a super tube trophy. I laughed when I saw it then though I know who would get a big laugh from seeing it.."

Can you guess what GARS member this is?

(answer on page 17)



May Madness

MAY MADNESS 2015 (A contest for GARS members only)

It starts Friday May 8 at 6 PM and ends Sunday May 17 at 11:59 PM. What is it? It's a contest for GARS members only. All you have to do is talk to other GARS members on any frequency using any mode allowed for use by those with a technician class license. You get a point for each contact (but only one contact per person per mode scores points). The top ten scores will win a prize to be awarded at the June meeting. You have to keep track of your contacts and there is a sample log on the website for doing this.

The purpose is to get new hams comfortable talking on the air and to help us get familiar with new members and each other. If you talk to a new member you get an extra point. If you talk to an old member you may be talking to someone you don't usually hear on the air. If you talk to a lot of members you may beat Jeff this year.

The complete rules are on the GARS [website](#). Read and be ready to join us starting Friday.

Earl Whatley, AF4FG (Event Chairperson)

Dacula Memorial Day Parade

In the pre parade meeting at Dacula's city hall the County Marshal mentioned that this was the 21st annual parade. He was immediately corrected. This is the 22nd year and the parade has really



grown. The first two years there were only about 24 participants and the police who controlled traffic were off duty officers who were paid by the parade.

GARS was there to help. Last year there were over 125 participants involving about 2500 people marching and there were more than 10,000 spectators. Now

the county provides traffic control but GARS still marshals the parade from the parking lot at Hebron Baptist Church.

It only required a few GARS members with HTs 22 years ago but now it takes at least thirty people and forty (or more) is preferable. We plan to arrive at the church parking lot at 7 AM on Memorial Day and be in position to direct 150 participants to the proper parking spaces. We still use HTs but we'll be using the portable repeater to get people where they need to go. We'll be there in our orange hats (if you don't have one we'll



(Continued on page 18)

Thank You



April 21, 2015

Gwinnett Amateur Radio Society, W4GR
PO Box 88
Lilburn, GA 30048

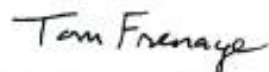
Dear Friends,

On behalf of the ARRL Foundation, thank you so much for your memorial contribution of \$100.00 in memory of Jan D. Jubon, K2HJ (SK), to support the ARRL General Scholarship Foundation. Notification of your donation will be sent to Mrs. Dorothy Jubon, N2DLJ. I have provided his name to be announced in the "Silent Keys" portion of the QST magazine.

Your generosity will strengthen the ARRL Foundation's ability to provide scholarships to young radio amateurs who are pursuing higher education and grants to organizations that promote Amateur Radio.

Thank you again for your generosity.

73,



Tom Frenaye, K1K1
President
The ARRL Foundation

The ARRL Foundation is an IRS-designated 501(c)(3) organization holding federal tax identification # 23-7325472. Accordingly, your contribution may be tax deductible to the extent allowed by law. No goods or services have been provided for this contribution.

Crazy Fox Hunt Pics

The date was April 25. The location was "The Mall of Georgia."
Amy Woodrick KE4IKF was the first to find "the fox".



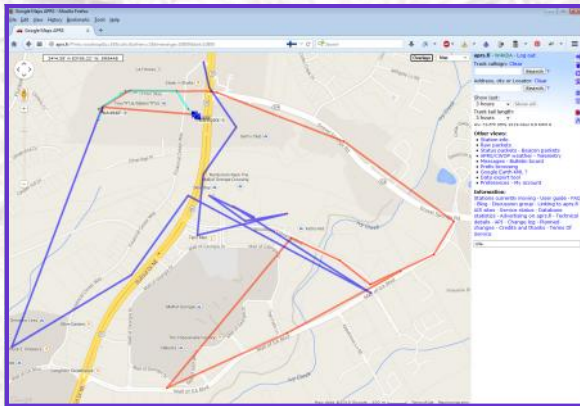
The Organizers—Kyle, Bill, & Dave



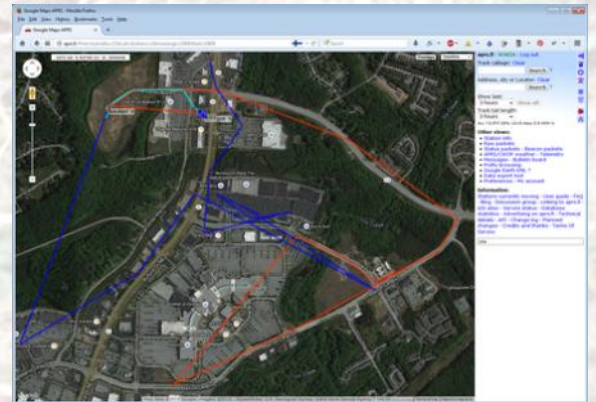
Amy, KE4IKF and Ed, WA4YIH



Most of the hunters.



APRS maps of the Hunt



Nick, N0NCQ in the Field



THE FOX



The FOX antenna

SOTA - Summits On The Air

BEGINNER SUMMITS

I'd like to try a SOTA activation; can I start with an easy hill?

This month's column will cover some north Georgia summits which are particularly suitable for tyro activators or for an experienced activator who is looking for a relatively easy activation.

I make it a point to identify summits with restrooms; this is important if you take your family along for the activation. (One ham's XYL sheltered in a privy while he activated in sub-zero weather!)

W4G/HC-003, Stone Mountain

Stone Mountain is near Atlanta. If you don't want to walk up, you can ride the tram to the top. Due to terrain, it is a great location for a magnetic loop or other tripod-based antenna. There *is* a tree in the activation zone, if you want to throw a wire into it, and you can always bungee a mast to a fence.

This is a very reachable trailhead. There are paved roads all the way to the trailhead. You can get there via MARTA or Uber, if you're determined.

There are lots of tourists on top, but with some care, you can pick a spot that is not too busy. If you can, take a partner. He/she can answer questions from gawkers while you're on the air. Remember that you are an ambassador for SOTA, and that you will provide the first impression of SOTA to many onlookers.

There are restrooms on the summit.

Technicians: You should have plenty of VHF activity, given the proximity to Atlanta. Remember that you cannot make contacts via repeater for SOTA, but you can call up the repeater and ask hams to meet you on simplex for SOTA credit.

W4G/HC-005, Springer Mountain

Springer Mountain is famous for being the start of the Appalachian Trail. While it would be a long walk from Amicalola Falls State Park, there is a "back route" to the summit which is about a mile. Since it is on the Appalachian Trail, the trail is well marked.

There is a privy in the camping area, just prior to the summit.

The road to the "back route" trailhead is dirt and some of it is bumpy. It is drivable in most weather in a passenger sedan.

W4G/HC-036 Pine Mountain

This Pine Mountain is near Atlanta, with a modest hike. It is very close to I-75, so it isn't hard to find. The trailhead is reachable via paved roads; the parking lot is gravel.

Its chief selling point is that it is convenient to Atlanta and that the summit isn't overrun with tourists, like Stone Mountain.

There are trees in the activation zone, so that makes "wire in a tree" antennas feasible.

Technicians: You should have plenty of VHF activity, given the proximity to Atlanta. Remember that you cannot make contacts via repeater for SOTA, but you can call up the repeater and ask hams to meet you on simplex for SOTA credit.

W4G/HC-043 Vineyard Mountain

Its chief selling point is that it is convenient to Atlanta and that the summit isn't overrun with tourists, like Stone Mountain.

There are trees in the activation zone, so that makes "wire in a tree" antennas feasible.

The trailhead is accessible via paved roads. It is in a recreation area, so there should be restrooms somewhere nearby, but I've never found them.

Technicians: You should have plenty of VHF activity, given the proximity to Atlanta. Remember that you cannot make contacts via repeater for SOTA, but you can call up the repeater and ask hams to meet you on simplex for SOTA credit.

W4G/NG-001 Brasstown Bald

Brasstown Bald is the highest point in Georgia. There is a visitor center on top and an observation deck. The parking lot is reachable via paved road and there is a shuttle van from the lot to the summit.

There are restrooms on the summit and at the parking lot.

You could use an HT from the observation deck, but I wouldn't recommend trying HF from the deck. *Someone* is bound to

(Continued on page 10)



SOTA - Continued

(Continued from page 9)

object to your antenna. There is a trail from the parking lot to the summit. 20 feet before this trail reaches the summit, there is a small, grassy lawn to the right (as you *ascend*). You can guy a mast here, or throw a wire into the trees along the side of the lawn.

There are lots of tourists on top. If you can, take a partner. He/she can answer questions from gawkers while you're on the air. Remember that you are an ambassador for SOTA, and that you will provide the first impression of SOTA to many onlookers.

The shuttle and the center are run by a contractor (Cradle of Forestry). Its personnel were inquisitive when I was last there. They wanted to be sure I was *amateur* and not commercial, but they weren't a problem. Please be nice to them so they'll be nice to future hams.

W4G/NG-020, Wildcat Mountain

Wildcat Mountain is one of the non-urban summits nearest to Atlanta. It is good for 8 points, and there's a nice view near the summit. The trailhead is accessible via paved road.

With a modest drive and a modest hike, you can activate this one and get back to Atlanta in a half-day outing. The trail is easy to follow, but parts are steep.

W4G/NG-022, Black Mountain

Black Mountain is a modest drive from Dahlonega. The 'trail' is a gravel road that's easy to follow. There's a fire tower on top, with a small grassy area that makes a good activation spot.

Do NOT believe Google Maps about the location of the trailhead. Google Maps mistakes a power line for a dirt road. For the real trailhead, see my trail guide at the link for Black Mountain (above).

There is a privy at the trailhead.

Note that when the wind shifts, there's a loose antenna on the tower that moves. It creaks loudly. This can be startling if you think you're the only person on the summit and then you hear a loud creak.

There's a good barbecue place in Dahlonega, for your post-activation meal.

W4G/NG-027, Black Rock Mountain

Black Rock Mountain (sometimes spelled Blackrock Mountain) is north of Clayton, Georgia. It is Georgia's highest state park. The trailhead is accessible via paved roads. The trail is steep, but it is less than a mile to the activation zone.

You can go all the way to the summit, but Tennessee Rock, shortly before the summit, is in the activation zone and it has a nicer view.

The trail can be confusing. During peak tourist season, there is sometimes a park employee at the parking area, handing out trail maps. Take one! Also, see my trail guide at the Black Rock Mountain link (above).

There are restrooms near the trailhead, but they're a bit far to walk.

See you on the summits!

73 DE K4KPK / *Kevin*

Where can I find out more?

Official site: <http://sotadata.org.uk/>

Mailing list: <https://groups.yahoo.com/groups/summits>

K4KPK's site: <http://k4kpk.com/content/sota-menu>

Email me (K4KPK). My email address is available via <http://www.qrz.com/db/K4KPK>.

Bio

K4KPK, Kevin Kleinfelter is Georgia's first SOTA Mountain Goat. His first QSO was on a backpacking trip to a 5300' summit with his 12 year-old son. He has completed more than 135 activations.

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Beginner's Corner

Streaming Amateur Radio Programs - Part 2

Let's continue where we left off last month. At that time, we mentioned the *Amateur Radio Round Table* and *Ham Radio Now*.

Amateurlogic (www.amateurlogic.tv)

George Thomas, W5JDX, Tommy and Peter host a monthly program about Amateur Radio. They are doing their monthly program live, usually on a Friday night around the middle of the month (live.amateurlogic.tv). It is fun to see the mistakes and false starts they do when recording the program. All their programs are available to download to your computer, or you can watch them on Youtube later.

They also have started a **Ham College** program directed at people who are looking to get their ham license. Check the URL above.

Ham Nation (<http://www.hamnationvideos.info/>)

Has a number of well-known hosts including Bob Heil, K9EID, the founder of Heil Sound, and Gordon West, WB6NOA, author of the well known Amateur Radio licensing books. Well produced. You can watch it live on twit.tv Wednesday at 9 pm ET. This is a weekly program. Ham Nation also comes out on Youtube (www.youtube.com) as early as the next day. Type in "Ham Nation" in the search field and you will have access to all past episodes. They have a section of video shorts, reports on propagation and contesting, as well as several other features. They have more than enough feature hosts, so they are now rotating. This makes each program different from the previous one.

Also, don't forget the Ham Nation After Show Nets on HF and DSTAR if you have one or both of these capabilities. Don't have either? They announce a web site where you can listen to the DSTAR conversations. The 40 meter net is also on www.hamnation40.net and on www.hamsoncams.com. It is fun to listen to the pile-ups. Occasionally I can break through the pile-ups and actually talk to one or more of the net controllers. My goal is to talk with all the show hosts and net controllers. I have [spoken with] three so far.

TX Factor

This is the latest entry into the Amateur Radio webcast lineup. This one is from the UK. It is the most professionally produced program to date. It is also the newest. I used to live in England, and I wish I had my Ham Radio license while living there! Some aspects of Amateur Radio are different in the UK, but most of what you see applies here, as well. Still, it is fun to see Amateur Radio from "the other side of the pond". You have access to all episodes at www.txfactor.co.uk. I wish they had more than one program a month.

YouTube

Finally, there are a multitude of videos on Amateur Radio on YouTube in addition to the ones mentioned above. Some are excellent, and some not so good. If you search for "K7AGE" on YouTube, there are some excellent videos. Randy has a way of making professional quality videos. His videos are short and they focus on one topic. That makes it easy to find a video on subjects that interest you.

In short, the Internet has a wealth of information on Amateur Radio. It makes a great tool to broaden your Amateur Radio horizons, whether you are a new ham or a seasoned operator. Good viewing!

73,

David - KJ4CMY

Historical Information

Why Our National Organization Is Called American Radio Relay League

Unless you have been asleep at the key (or microphone), you know that 2014 marked 100 years since the founding of the American Radio Relay League. And you should also know the W1AW call sign used by the ARRL was the call sign of Hiram Percy Maxim, one of the two ARRL founders. Percy was 45 years old at that time, and it's quite interesting that the other founder, Clarence Tuska, was only 18. I'll write more about their relationship in a future article.

January 1914 marked the first meeting of the Radio Club of Hartford. Percy presided and at that meeting David Moore was elected president and Clarence Tuska as secretary. There were 23 charter members but the membership grew to 35 by the March meeting.

Around this same time, the "Audion" (vacuum tube), invented by Lee DeForest in 1905, was available to the public, although finding one to purchase was difficult. Percy had been trying to purchase an Audion, and heard that an amateur in Springfield, MA, about 25 miles due north of Hartford in Windsor Locks, a small town on the Connecticut River, had one for sale. At that time Percy's one-kilowatt station had a possible range of about a hundred miles, but after several attempts he had no success reaching the ham in Springfield. He remembered that at a recent meeting he had met a ham that lived in Windsor Locks. The thought occurred to him that he could relay a message through Windsor Locks on to Springfield concerning the vacuum tube he needed. He knew that ships were using this method for getting messages to other ships and to shore locations, so why couldn't amateur radio operators do the same? He even came up with a possible name, "American Radio Relay League."

Percy presented his idea at the next Radio Club of Hartford meeting and the club membership voted unanimously to adopt the name and functions he presented. Percy and Clarence Tuska wrote letters to every amateur radio operator they could identify sending them information regarding the formation of the ARRL. Membership was free and there were no dues. Both Percy and Clarence contributed postage. Response was overwhelming and by late June successful relays had been made from Hartford to Buffalo and Boston to Denver. Nearly 200 stations had been established by August 1914 and coverage was increased from Maine to Minnesota and from Seattle to Idaho. In September the league published the locations of 237 stations in thirty-two states and Canada. The following month they published a *List of Amateur Stations*, which today we would recognize as the first Call Book.

Now you know why it's called the American Radio Relay League.

PS: Interestingly enough, Bradley International Airport that serves both Hartford and Springfield, as did the ham radio relay station, is also located in Windsor Locks. If you are ever in the Hartford area visiting ARRL HQ in Newington, you might also want to visit the Vintage Radio & Communications Museum of Connecticut at Windsor (next door to Windsor Locks) and the New England Air Museum on the grounds of Bradley International Airport. Both are well worth the time.

Submitted by: *Paul Kelly*, W4KLY

Reference: *Percy, Clarence, QST And The ARRL* as told by *Larry Telles*, K6SPP

GARS Membership Page

New GARS Members in April

Dorothy Jubon (N2DLJ)
Edonna Koon (KM4JKL)
Pamela Meridy (KM4JKN)
Giles Roberts (KM4JKR)
William Santangelo (KM4EQS)

New Members: 5

Total Members as of May 1, 2015
- 280-

**Join us for our weekly
breakfast gathering at
7:30 AM most Saturdays**

at

**Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043**

([Directions](#))

**The following members are
celebrating birthdays
in May:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Timothy Atkin
William Bentley (KJ4MXM)
Charles Case
Steve Garrison (N4TTY)
Bill Grimes (KK4AUA)
John David Kerley (NH7AQ)
Michael Lange (K4MDL)
Jeff Lee (AF4JL)
Sandra Lovelace (KF4BUW)
David Mattison (KD4PCK)
Paul Pescitelli (K4UJ)
Susan Prosser (WB1TCH)
Thaddeus (Ted) Ruchalski (KK4DFM)
Robert Sanctuary (N4YWR)
Adrian (Ade) Shamblin (KJ4CUY)
Larry White (KB0BH)
Kevin Whitney (KV4VF)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter email towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new email address, new phone number, etc.), please email the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Richard Atkin, KJ4ZTY

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS YOUR HELP

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. We need weekly participation to make our net function and to keep them interesting. We have a very small group of very dedicated people that make the net happen each week but we need more help.

Out of over 299 members we have only nine primary people that run the net every Monday night. In no particular order, they are:

| | |
|----------------|----------------|
| Norm - WA4ZXV | Mitch - N0DIM |
| Hal - W4IGE | Don - KW4AL |
| Ray - N4GYN | Sandy - KJ4DRO |
| John - WB4QDX | Bill - KK4AUA |
| Kevin - KK4WOG | |

I need 40 people to fill NCS and ANCS positions. The schedule is planned and posted months in advance and is flexible. If your plans change we can and do make adjustments to make it work, and I make those changes happen as soon as I am notified of a problem. I also send out reminders each week to let you know you are scheduled for the next Monday night net. In short, we make it simple. All you need to do is show up, read the script, take a few notes and forward the information to me for record-keeping.

Please lend a hand and contact me at the monthly GARS meeting or, send me a message via the [Mentors & Elm-ers](#) page on the web site at www.gars.org. Sign up to help support the effort that makes GARS the great club that it is.

73’ See you on the Nets!

Phil McCleary, N4LNE

Net Manager



**Don’t miss the “KNOW IT ALL” Net
Wednesday nights, 8:30-9:30 pm**



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

Jeff—AB4HF

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 +, PL 82.5
6m 53.110 - No Tone
70cm 442.100 + PL 100.0

ARRL CONTESTING INFO

>>>> NOTE: For more information click the links <<<<

June

13-15 [June VHF](#)

20 [Kids Day](#)

27-28 [Field Day](#)

July

11-12 [IARU HF World Championship](#)

August

1-2 [August UHF](#)

15-16 [10 GHz & Up – Round 1](#)

16 [Rookie Roundup – RTTY](#)

JUNE VHF:

[Mission & Objective-](#)

For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada.

Stations in KH0-9, KL7 & KP1-KP5, CY9 and CY0 count as W/VE stations and can be worked by DX stations for contest credit.

KIDS DAY:

Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grand-kids, a Scout troop, a church or the general public!

Kids Day is designed to give on-the-air experience to youngsters and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children.

AUGUST UHF:

Objective: To work as many amateur stations in as many 2 degrees by 1 degrees grid squares as possible using authorized amateur frequencies above 222 MHz and all authorized modes of emission.

10 GHz & Up - Round 1:

The **Objective** of 10 GHz and Up is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. See the detailed rules for restrictions.

HAMFEST CALENDAR

Southeast US

05/30/2015 | [Fort Payne Tailgate / Hamfest](#)

Location: Fort Payne, AL

Type: ARRL Hamfest

Sponsor: DeKalb County (Alabama) Amateur Radio Club

06/06/2015 | [Georgia State Convention \(Atlanta Hamfestival\)](#)

Location: Marietta, GA

Type: ARRL Convention pending Executive Committee approval

Sponsor: Atlanta Radio Club & Kennehoochee Amateur Radio Club

Website: <http://www.atlantaHamfest.com>

07/25/2015 | [Cullman ARC Hamfest](#)

Location: Cullman, AL

Type: ARRL Hamfest

Sponsor: Cullman Amateur Radio Club

Website: <https://www.facebook.com/CullmanARC>

07/25/2015 | [Byron Tailgate](#)

Location: Byron, GA

Type: ARRL Hamfest

Sponsor: Central Georgia ARC

Website: <http://www.wa4ort.com>

[Learn More](#)

09/12/2015 | [Hamfest Augusta](#)

Location: Grovetown, GA

Type: ARRL Hamfest

Sponsor: Amateur Radio Club of Augusta

Website: <http://www.facebook.com/hamfestaugusta>

BSA Venture Crew 73 Wants You!

IF YOU are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology, **Venture Crew 73 is for you.**

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ *Camping*
- ◊ *Hiking*
- ◊ *Horseback Riding*
- ◊ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

Venture Crew 73 Committee Chairman

Phone: 770-712-9069

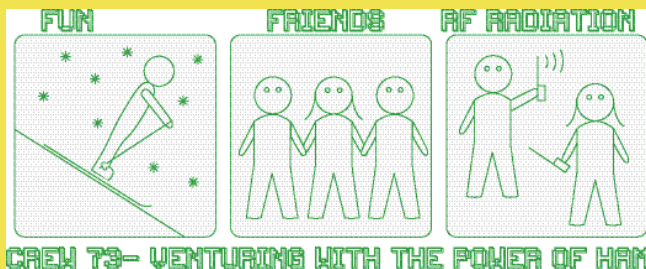
Email: committeechair@venturecrew73.org

Jeff Lee, AF4JL

Venture Crew 73 Advisor

Phone: 678-475-3165

Email: advisor@venturecrew73.org



G A R S Officers and Committee Chairs

Rick Cobb, N4XYX
President



Mike Weathers, ND4V
Vice President



Nick Doemland, AB4CQ
Secretary



Sid Weaver, N4NQ
Treasurer



Nick Nikley, N0NCQ
Program Manager



Karen Albritton, KI4HPP
Membership Chair



Dave Bruse, W4DTR
Ham Exam Team Leader



David Adcock, KA4KKF
Webmaster, Field Day Chair



Dorothy Jubon, N2DLJ
Public Information Officer



Ralph Pickwick, KJ4CNC
TechFest Chair, Apparel Mgr



Ray Bailey, N4GYN
GARzette Editor



Jeff Cutchins, AB4HF
Multimedia Chair



John Ackermann, N8UR
W4GR Trustee



Eddie Foust, WD4JEM
Repeater Chair



Ralph Pickwick, KJ4CNC
Education Chair



Mike Weathers, ND4V
WAS-Checker, Historian



Phil McCleary, N4LNE
Net Manager, ELMER Chair



Mike Swiderski, K4HBI
Technical Advisor



DIRECTORS

Kyle Albritton, W4KDA



David Adcock, KA4KKF



Norm Schklar, WA4ZXV



EXTRA! EXTRA!

JUNE MEETING

"Prepping For Field Day 2015" at Field Day Site. - ICE CREME SOCIAL

By David Adcock, KA4KKF

Mystery Picture
on page 5 is
Randy Woolery, KK4CRL



Dr. John Kludt, K4SQC, receiving a recognition certificate from Program Manager Nick Nickley, N0NCQ, for an excellent program.

Quick Propagation Checker
<http://www.bandconditions.com/index.htm>

GARS Recurring Calendar

- ◆ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net +
8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville

MEETING MINUTES

Rick, N4YXX, called the meeting to order at 7pm.

First time visitors (*K9SDR, KMJKN, KM4JKL and KM4JLB*) were welcomed and roundtable introductions were made. Ticket upgrades were recognized.

NOTE: 67 attendee's were present.

General Business

* Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved

* Karen, KI4HPP, gave the membership report: GARS has 293 members.

NOTE: Rick reminded us that our designation as a "Special Service Club" requires that 50% of membership also be an ARRL member (GARS receives a portion of the sign-up and renewal fee. see Sid, N4NQ for details)

* Nick, N0NCQ, announced upcoming programs, David, KA4KKF will provide and Field Day overview on May 12th.

* Repeater Update - we are still investigating locations, temporary placement will be Snellville. Reminder that the following services will be unavailable during this transition; Remote receivers, EchoLink, 6 meters, and APRS I-Gate, courtesy tones will also be unavailable.

Upcoming Events

[Listed on page 4 of this newsletter]

Break

Program

"Introduction to Satellites", presented by Dr. John Kludt, K4SQC

NOTE: Rick, N4XYY, presented Dr. Kludt with a certificate of recognition for the program.

Raffle

Meeting concluded at pm

Nick, AB4CQ, Secretary

Dacula Memorial Day Parade (Continued)

(Continued from page 6)

have one for you) so participants can recognize who's in charge.

We'll have chicken biscuits and sausage biscuits for all in the morning and water will be available throughout the parade. Just go to the web site and click the link to the signup sheet. You'll enter your name, call sign and email address. Additional information will be sent via email. All you need bring is your HT and a safety vest if you have one.



It's fun, provides a service to the community, makes us known to county leaders, and showcases Amateur Radio to several thousand people. If you haven't already done so, go to the website and sign up.

Earl Whatley, AF4FG

Event Chairperson



GARS CALENDAR OF EVENTS FOR MAY 2015

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|--|--|--|---|--------------------------|--|--|
| | | | | | 1 | 2 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 3 | 4 7:30 - 8:30 pm GARS 2m Net | 5 6:30 - 8:00 pm GARS Exec Meeting | 6 8:30 - 9:30 pm GARS Know-It-All Net | 7 | 8 MAY MADNESS Duluth Mason Elementary STEM | 9 MAY MADNESS 1pm-Satellites In The Park |
| 10 MAY MADNESS MOTHER'S DAY! | 11 MAY MADNESS 7:30 - 8:30 pm GARS 2m Net | 12 MAY MADNESS 7:00-9:00pm GARS Meeting | 13 MAY MADNESS 8:30 - 9:30 pm GARS Know-It-All Net | 14 MAY MADNESS | 15 MAY MADNESS | 16 MAY MADNESS 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 17 MAY MADNESS ends at 11:59 pm ET | 18 7:30 - 8:30 pm GARS 2m Net | 19 | 20 8:30 - 9:30 pm GARS Know-It-All Net | 21 | 22 | 23 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 24 | 25 MEMORIAL DAY 7:30 - 8:30 pm GARS 2m Net | 26 | 27 8:30 - 9:30 pm GARS Know-It-All Net | 28 | 29 | 30 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 31 | | | NOTES: | | | |

| Metro Testing Sessions | Ham Exam Results | Metro Club Meetings |
|---|--|---|
| <p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</i></p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) VEC: WCARS Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) VEC: WCARS Hall County EOC 470 Crescent Dr. Gainesville, Ga. Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday 10:00 AM Alpharetta North Park, Adult Activities Center 13450 Cogburn Rd, Alpharetta, GA 30004 Ian Kahn, KM4IK E-mail: km4ik.ian@gmail.com</p> <p>Second Saturday, ODD Months VEC: ARRL 8:30 a.m. GMC Community Ctr 5325 Leon St. Stone Mountain, GA Frank Haynes, KV4SP (678) 467-3712</p> <p>Second Sunday VEC: W5YI 2 pm Gwinnett County Fire Station #5 3001 Old Norcross Road Duluth, GA 30096 Contact: Dave Bruse, W4DTR Email: exams@gars.org</p> <p>Third Saturday VEC: W5YI 2 pm (Except December) Lifeway Church 1654 Atlanta Highway #109 Steve Donellan, N5SMD (404) 520-0368 Email: n5smd@comcast.net</p> <p><i>(cont. next column)</i></p> | <p>We had an excellent exam session Sunday April 4. 7 out of 7 applicants passed.</p> <p>And now for the REALLY BIG NEWS</p> <p>We had one applicant achieve the TRIPLE CROWN by passing all three exams and becoming a NEW AMATEUR EXTRA!!!</p> <p><u>Ham exam session results:</u></p> <ul style="list-style-type: none"> - 3 new Technicians - 1 new General (passed Technician and General) - 2 upgraded to General - 1 new Extra (passed Technician, General, and Extra) <p>Special thanks to the VE's who made this exam session possible:</p> <ul style="list-style-type: none"> - Dave Bruse, W4DTR (CVE) - Don Bagby, KK4NJM (Co-CVE) - Frank Haynes, KV4SP - Hal Prosser, KK1B - Jim Webb, W4NTA - Nick Doemland, AB4CQ - Steve Back, WB20GY <p>Thanks & 73, <i>Dave Bruse</i>, W4DTR GARS VE Team Leader Email: exams@gars.org</p> <p>GARS VE Website: http://groups.yahoo.com/group/GARS_VE_Team/</p> <p>Fourth Tuesday ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Jessie Clower, KB4WFK (770) 942-6466</p> <p>Fourth Sunday 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. See www.w4aql.com Alexander G. Carver (404) 894-2936 acarver@ece.gatech.edu</p> | <p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-) N.E. Georgia ARC Commerce Public Library Meeting is at 6:30pm Talk In - 147.225(+) PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Intersection of Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-) For more, go to: http://www.gars.org/</p> |

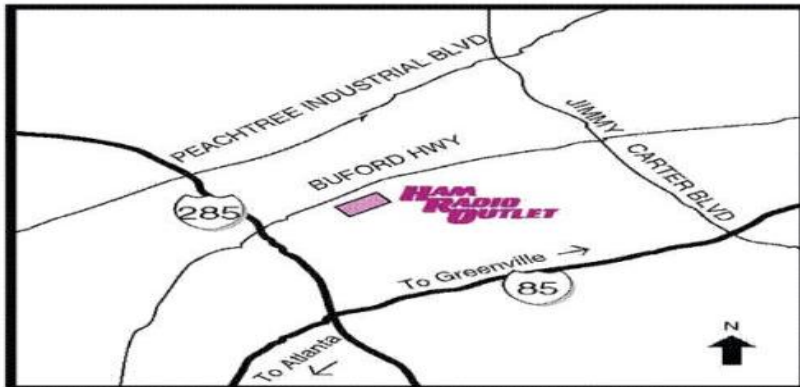
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